

Clements Gap BESS

Project Update - June 2024

Project Overview

Pacific Blue constructing the Clements Gap Battery Energy Storage System (BESS) adjacent to the existing Clements Gap Wind Farm, which has been owned and operated by Pacific Blue since 2010.

Spanning approximately 1 hectare, the Clements Gap BESS will contain a 60 MW / 130 MWh battery, capable of powering approximately 30,000 South Australian homes for two hours during peak periods.

The location of the Clements Gap BESS has been chosen for its:

- Low environmental impact
- Proximity to the Clements Gap wind farm
- Flat terrain that has been largely cleared
- Accessibility via transport connections to arterial road network
- Proximity to existing electrical infrastructure for a seamless connection

The Clements Gap BESS will be comprised of 50 Lithium-Ion battery containers, provided by Trina Storage. The project will be delivered by Enzen Australia, who have been appointed as Pacific Blue's Engineering, Procurement & Construction Contractor. As of June 2024, South Australian transmission company ElectraNet has begun the procurement of long-lead items to facilitate the BESS' connection to the grid.

Major construction is scheduled to commence in October 2024, with project completion expected to be complete by early-2026.



Partnering with our Traditional Owners

Pacific Blue is proud to partner the Traditional Owners of the land where the Clements Gap BESS will be situated, on Nukunu Country.

Lawrie Thomas, an Elder from Nukunu, provided a Welcome to Country for Pacific Blue and the Clements Gap BESS. As part of the project announcement, Pacific Blue has partnered with Nukunu on a 'cultural burning' program, which aims to build knowledge with the South Australian Country Fire Service on traditional techniques for bush fire mitigation.

As part of the ancient ritual of Welcome to Country, Lawrie wished Pacific Blue well in building and operating the Clements Gap BESS, and respectfully expressed the Traditional Owners' desire that Pacific Blue respect and care for the land just as Nukunu ancestors have for thousands of years.



Simon Maan, GM of Development and Delivery with Nukunu Elder Lawrie Thomas

Sod-Turning Event



L to R: Domenic Capomolla, CEO of Pacific Blue; Dileep Viswanath, Enzen Australia CEO; The Hon. Geoff Brock MP, State Member for Stuart; Uncle Lawrie Thomas, Nukunu Traditional Owner; Simon Maan, General Manager, Development and Delivery, Pacific Blue



On 12 June 2024, Pacific Blue hosted a 'sod-turning' ceremony to mark the beginning of construction with Enzen, under the Development Approval that was granted for the project by the South Australian State Government.

Crucial stakeholders came along to participate and witness the ceremony, including Pacific Blue Chairman, Jay Zhang, the Member of State Parliament for Stuart, The Hon. Geoff Brock MP, Enzen Australia CEO, Dileep Viswanath, Port Pirie Regional Councillor, Alan Zubrinich, along with representatives from battery-supplier Trina Solar, and Transmission Network Service Provider, ElectraNet.

As part of the ceremony, Pacific Blue CEO, Domenic Capomolla, said 'The construction of Clements Gap BESS is the first key milestone for Pacific Blue in realising our 2-gigawatt pipeline of capacity and energy storage solutions, which will contribute to Australia achieving net zero carbon emissions by 2050.'

'Since the commissioning of the Clements Gap Wind Farm in 2010, we've been welcomed by the community. We're proud of the relationship we've built, and the support provided through our Sustainable Communities Fund, which has invested more than \$700,000 into 150 local sustainable projects. We're delighted for the next phase of our investment in renewable energy to be in this region.'

The South Australian State Government supported the announcement, with The Hon. Tom Koutsantonis MP, Minister for Energy and Mining, providing support in the media by stating 'We warmly welcome the investment in this battery project, which will help reduce peak wholesale prices by increasing the amount of available power when it is needed most.'

'It is encouraging to see a new company joining the others who have already installed or are building grid-scale batteries.'

What's Next?

Major on-site construction and mobilization for the Clements Gap BESS is expected to commence in October 2024.

Pacific Blue has already undertaken a range of early works to inform the detailed design and the construction management plans and methodologies. The company is working with EPC Contractor, Enzen, on the detailed design, procurement and planning in advance of site mobilization later this year.

The construction phase is anticipated to take 12-18 months, with full operation targeted for early-2026.

At completion, Clements Gap BESS will have an operational lifespan of 20 years and will continue to be owned and operated by Pacific Blue.

Contact Us

If you have any queries or want more information, please reach out to us.



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